Journal of Forensic Sciences
Index to Volume 18
1973

Number	Month of Issue	Pages
1	January	1–83
2	April	84–164
3	July	165–284
4	October	285–492

A

Abrams, Stanley: Polygraph validity and reliability: a review, Oct., 313

Absorption spectra, determination of lead and copper in hair by non-flame atomic absorption spectrophotometry (Renshaw, Pounds, and Pearson), April, 143

Acrylic fibers, identification of acrylic fibers by polymer composition as determined by infrared spectroscopy and physical characteristics (Smalldon), Jan., 69

Adversary system
- adversary system: role of the criminalist (Whittaker), July, 184
- adversary system: role of the document examiner (McNally), July, 188
- adversary system: role of the forensic pathologist (Davis), July, 202
- adversary system: role of the forensic toxicologist (Winek), July, 178
- adversary system: role of the psychiatrist (Tuchler), July, 193
- evidence from instruments—their validity, reliability, and role in the adversary system (Harte), July, 197
- observations on the adversary system and the role of the forensic scientist: "scientific truth" v. "legal truth "(Pollack), July, 173

Aircraft accident, dental identification of aircraft-accident fatalities (Sopher), Oct., 356

Alcoholism, electrolyte imbalance in alcoholic liver disease (Sturner and Coe), Oct., 344

Aldehydes, gas chromatographic identification of aldehydes and ketones in toxicological analyses (Wells), April, 152

Alkaloids, liquid chromatographic determination of morphine in opium (Wittwer), April, 138

Alstott, R. L., Miller, A. J., and Forney, R. B.: Report of a human fatality due to caffeine, April, 135

Ammunition
- rapid neutron activation analysis for gunshot residue determination (McFarland and McLain), July, 226
- spherical coordinates for plotting the positions of powder residues (Smith), April, 101
- studies of the trace element content of bullet lead and jacket material (Guy and Pate), April, 87

Atmospheric electricity, effects of electricity and lightning on man and animals (Bernstein), Jan., 3

Autopen, Autopen (McCarthy and Winchester), Oct., 441

Autopsy, epidemiology of autopsies in Monroe County, New York (Kunitz and Edland), Oct., 370

B

Ballistics, teamwork in the forensic sciences: report of a case (Bradford and Biasotti), Jan., 31

Bami, H. L.: *see* Chowdhry, R., Gupta, S. K., and Bami, H. L.

Belli, M. M.: Review of *American Jurisprudence Trials, Vol. 19* (Parnell), Oct., 471

Bernstein, Theodore: Effects of electricity and lightning on man and animals, Jan., 3

Bertocchi, M. P.: Carbonless paper systems, Oct., 309

Biasotti, A. A.
- Review of *The Identification and Registration of Firearms* (Krcma), July, 276
- *see* Bradford, L. W. and Biasotti, A. A.

Biological products, determination of submicrogram quantities of cyanide in biological materials (Shanahan), Jan., 25

Blasting caps, identification of electric blasting caps by manufacturer (Townshend), Oct., 405

Blood, the determination of elevated bromide levels in blood by gas chromatography (Wells and Cimbura), Oct., 437

Blood grouping
- application of Gm typing in cases of disputed paternity (Ellis, Camp, and Litwin), Oct., 290
- blood grouping tests for non-paternity: review of 1000 cases (Sussman), Oct., 287

Bloodstains, photography of bloodstains

visualized by luminol (Zweidinger, Lytle, and Pitt), Oct., 296
Book review
review of *American Jurisprudence Trials, Vol. 19* by Parnell (Belli), Oct., 471
review of *Clinical Toxicology* by Thienes and Haley (Stolman), July, 277
review of *Criminal Interrogation and Confessions* by Inbau and Reid (Joling), Oct., 474
review of *Evidence Law for the Police* by Inbau, Aspen, and Carington (Dougherty), Oct., 472
review of *The Expert Witness* by Walls (Lucas), Oct., 477
review of *Fundamentals of Law Enforcement* by Brandstatter and Hyman (Osterburg), April, 158
review of *Medical-Legal Investigation of Traffic Accidents* by Duerwald (Spitz), July, 275
review of *Scientific Police Investigation* by Inbau, Moenssens, and Vitullo (Williams), April, 157
review of *The Identification and Registration of Firearms* by Krcma (Biasotti), July, 276
Bradford, L. W., and Biasotti, A. A.: Teamwork in the forensic sciences: report of a case, Jan., 31
Bromide, the determination of elevated bromide levels in blood by gas chromatography (Wells and Cimbura), Oct., 437

C

Caffeine, report of a human fatality due to caffeine (Alstott, Miller, and Forney) April, 135
Camp, F. R., Jr.: *see* Ellis, F. R., Camp, F. R., Jr., and Litwin, S. D.
Carbonless paper, carbonless paper systems (Bertocchi), Oct., 309
Cardiotonic drugs, quinine cardiotoxicity: a mechanism for sudden death in narcotic addicts (Levine, Hirsch, and White), July, 167
Chan, R. K. H. and Li, A. H.: Comparison of single stranded copper wires by spectrochemical analysis using copper fluoride as a carrier, July, 271
Chemical analysis
optimization of firearm residue detection by neutron activation analysis (Rudzitis, Kopina, and Wahlgren), April, 93
sudden infant death: chemical analysis of vitreous humor (Sturner and Dempsey), Jan., 12
Chemical tests
application of Gm typing in cases of disputed paternity (Ellis, Camp, and Litwin), Oct., 290
blood grouping tests for non-paternity (Sussman), Oct., 287
photography of bloodstains visualized by luminol (Zweidinger, Lytle, and Pitt), Oct., 296
Chowdhry, R., Gupta, S. K., and Bami, H. L.: Ink differentiation and infrared techniques, Oct., 418
Ciccone, J. R. and Nadeau, R. E.: Incompetency to stand trial: a difference of opinion, Oct., 380
Cimbura, G.: *see* Wells, J. and Cimbura, G.
Coe, J. I.
Postmortem values of thyroxine and thyroid stimulating hormone, Jan., 20
see Sturner, W. Q. and Coe, J. I.
Community control, issues of community control in the administration of justice (Johnson), July, 206
Computer programs, numerical correlation and evaluation in the comparison of evidentiary materials (Lawson and Framan), April, 110
Computers, forensic identification of opium by computerized gas chromatography/mass spectrometry (Smith), Oct., 327
Copper, comparison of single stranded copper wires by spectrochemical analysis using copper fluoride as a carrier (Chan and Li), July, 271
Copying machines, identifying the copying machine used in preparation of simulated forgeries (Kelly), Oct., 410
Coronary artery disease, emotional stress as a precipitating factor in sudden deaths due to coronary insufficiency (Malik), Jan., 47
Courtroom, voiceprint identification in the courtroom (Gocke and Oleniewski), July, 232
Criminal investigations, teamwork in the forensic sciences: report of a case (Bradford and Biasotti), Jan., 31
Criminalist, adversary system: role of the criminalist (Whittaker), July, 184
Criminology, thermoluminescence: potential applications in forensic science (Ingham and Lawson), July, 217
Crown, D. A.: New developments in the Japanese questioned document laboratories, Oct., 414
Cyanides, determination of sub-microgram quantities of cyanide in biological materials (Shanahan), Jan., 25

D

Davis, J. H.: Adversary system: role of the forensic pathologist, July, 202

Death
effects of electricity and lightning on man and animals (Bernstein), Jan., 3
emotional stress as a precipitating factor in sudden deaths due to coronary insufficiency (Malik), Jan., 47
epidemiology of autopsies in Monroe County, New York (Kunitz and Edland), Oct., 370
hexachlorophene poisoning (DiMaio, Mullick, and Henry), Oct., 303
suicide notes in Monroe County: a 23 year look (1950–1952) (Edland and Duncan), Oct., 364
Dempsey, B. S.: *see* Sturner, W. Q. and Dempsey, B. S.
Dentistry, dental identification of aircraft-accident fatalities (Sopher), Oct., 356
DiMaio, D. J. and DiMaio, T.: Fatal methadone poisoning in children: report of four cases, April, 130
DiMaio, T.: *see* DiMaio, D. J. and DiMaio, T.
DiMaio, V. J. M., Mullick, F. G., and Henry, L. D.: Hexachlorophene poisoning, Oct., 303
Document examiner
adversary system: role of the document examiner (McNally), July, 188
professionalization of document examiners: problems of certification and training (Miller), Oct., 460
Documentation
Autopen (McCarthy and Winchester), Oct. 441
do experts frequently disagree? (Todd), Oct., 455
ink differentiation with infrared techniques (Chowdhry, Gupta, and Bami), Oct., 418
new developments in the Japanese questioned document laboratories (Crown), Oct., 414
Dougherty, P. M.: Review of *Evidence Law for the Police* (Inbau, Aspen, and Carington) Oct., 472
Drug reactions, medico-legal aspects of drug interactions (Goldstein), Oct., 335
Duncan, C. E.: *see* Edland, J. F. and Duncan, C. E.

E

Edland, J. F.
and Duncan, C. E.: Suicide notes in Monroe County: a 23 year look (1950-1972), Oct., 364
see Kunitz, S. J. and Edland, J. F.
Education, professionalization of document examiners: problems of certification and training (Miller), Oct., 460
Electrical parameters, effects of electricity and lightning on man and animals (Bernstein), Jan., 3
Electrolytes, electrolyte imbalance in alcoholic liver disease (Sturner and Coe), Oct., 344
Ellis, F. R., Camp, F. R., Jr., and Litwin, S. D.: Application of Gm typing in cases of disputed paternity, Oct., 290
Emotions, emotional stress as a precipitating factor in sudden deaths due to coronary insufficiency (Malik), Jan., 47
Epidemiology, the epidemiology of autopsies in Monroe County, New York (Kunitz and Edland), Oct., 370
Ethanols, report of a human fatality due to caffeine (Alstott, Miller, and Forney), April, 135

F

Firearms
legislation of firearms in Denmark (Hart Hansen and Nyholm), July, 254
optimization of firearm residue detection by neutron activation analysis (Rudzitis, Kopina, and Wahlgren), April, 93
spherical coordinates for plotting the positions of powder residues (Smith), April, 101
Fong, Wilkaan: Value of glass as evidence, Oct., 398
Forensic toxicologist, adversary system: role of the forensic toxicologist (Winek), July, 178
Forgeries, identifying the copying machine used in preparation of simulated forgeries (Kelly), Oct., 410
Forms (paper), carbonless paper systems (Bertocchi), Oct., 309
Forney, R. B.: *see* Alstott, R. L., Miller, A. J., and Forney, R. B.
Framan, E. P.: *see* Lawson, D. D. and Framan, E. P.

G

Garriott, J. C. and Spruill, F. G.: Detection of methamphetamine in a newborn infant, Oct., 434
Gas chromatography
detection of methamphetamine in a newborn infant (Garriott and Spruill), Oct., 434
determination of elevated bromide levels in blood by gas chromatography (Wells and Cimbura), Oct., 437
forensic identification of opium by computerized gas chromatography/mass spectrometry (Smith), Oct., 327
gas chromatographic identification of aldehydes and ketones in toxicological analyses (Wells), April, 152

Glass, value of glass as evidence (Fong), Oct., 398
Gocke, J. W. and Oleniewski, W. A.: Voiceprint identification in the courtroom, July, 232
Gold, L. H.: Discovery of mental illness and mental defect among offenders, April, 125
Goldstein, E. M.: Medico-legal aspects of drug interactions, Oct., 335
Gupta, S. K.: *see* Chowdhry, R., Gupta, S. K., and Bami, H. L.
Guy, R. D. and Pate, B. D.: Studies of the trace element content of bullet lead and jacket material, April, 87

H

Hair
identification of polynesian head hair (Kerley and Rosen), Oct., 351
rapid technique for preparing hair cuticular scale casts (Ogle and Mitosinka), Jan., 82
Handwriting, court ordered handwriting exemplars—how effective? (Mortimer), Oct., 448
Harper, G. P.: *see* Russell, D. H. and Harper, G. P.
Hart Hansen, J. P. and Nyholm, P. E.: Legislation of firearms in Denmark, July, 254
Harte, R. A.: Evidence from instruments—their validity, reliability, and role in the adversary system, July, 197
Henry, L. D.: *see* DiMaio, V. J. M., Mullick, F. G., and Henry, L. D.
Hexachlorophene, hexachlorophene poisoning (DiMaio, Mullick, and Henry), Oct., 303
Hilton, Ordway: Identification of work from a Selectric II typewriter, July, 246
Hirsch, C. S.: *see* Levine, L. H., Hirsch, C. S., and White, L. W.
Hunt, Jan: *see* Suarez, J. M. and Hunt, Jan

I

Identification systems
dental identification of aircraft-accident fatalities (Sopher), Oct., 356
identification of electric blasting caps by manufacturer (Townshend), Oct., 405
identification of polynesian head hair (Kerley and Rosen), Oct., 351
Identifying
identification of lubricating oils on clothing by column chromatography, infrared spectroscopy, and refractometry (Yip), July, 263
identification of work from a Selectric II typewriter (Hilton), July, 246
renaissance for the transsexual: a new birth certificate (Schroeder), July, 237
voiceprint identification in the courtroom (Gocke and Oleniewski), July, 232
Incompetency, incompetency to stand trial: a difference of opinion (Ciccone and Nadeau), Oct., 380
Infant death, sudden infant death: chemical analysis of vitreous humor (Sturner and Dempsey), Jan., 12
Infants, detection of methamphetamine in a newborn infant (Garriott and Spruill), Oct., 434
Infrared spectroscopy, identification of acrylic fibers by polymer composition as determined by infrared spectroscopy and physical characteristics (Smalldon), Jan., 69
Infrared techniques, ink differentiation with infrared techniques (Chowdhry, Gupta, and Bami), Oct., 418
Ingham, J. D. and Lawson, D. D.: Thermoluminescence: potential applications in forensic science, July, 217
Inks, ink differentiation with infrared techniques (Chowdhry, Gupta, and Bami), Oct., 418

J

Johnson, T. A.: Issues of community control in the administration of justice, July, 206
Joling, R. J.: Review of *Criminal Interrogation and Confessions* (Inbau and Reid), Oct., 474
Justice system, issues of community control in the administration of justice (Johnson), July, 206
Juvenile delinquency, who are our assaultive juveniles? a study of 100 cases (Russell and Harper), Oct., 385

K

Kelly, J. H.: Identifying the copying machine used in preparation of simulated forgeries, Oct., 410
Kerley, E. R. and Rosen, S. I.: Identification of polynesian head hair, Oct., 351
Ketones, gas chromatographic identification of aldehydes and ketones in toxicological analyses (Wells), April, 152
Kopina, M.: *see* Rudzitis, E., Kopina, M., and Wahlgren, M.
Kunitz, S. J. and Edland, J. F.: The epidemiology of autopsies in Monroe County, New York, Oct., 370

L

Laboratories, new developments in the Japanese questioned document laboratories (Crown), Oct., 414
Law enforcement, psychiatric morbidity and treatment of prison inmates (Tanay), Jan., 53

Law (jurisdiction)
court ordered handwriting exemplars—how effective? (Mortimer), Oct., 448
everything you wanted to have in sex laws (Slovenko), April, 118
legal problems of the forensic odontologist (Woolridge) Jan., 40
legislation of firearms in Denmark (Hart Hansen and Nyholm), July, 254
renaissance for the transsexual: a new birth certificate (Schroeder), July, 237
scope of legal psychiatry (Suarez and Hunt), Jan., 60
Lawson, D. D.
and Framan, E. P.: Numerical correlation and evaluation in the comparison of evidentiary materials, April, 110
see Ingham, J. D. and Lawson, D. D.
Legal instruments, evidence from instruments—their validity, reliability, and role in the adversary system (Harte), July, 197
Legal science, observations on the adversary system and the role of the forensic scientist: "scientific truth" v. "legal truth" (Pollack), July, 173
Levine, L. M., Hirsch, C. S., and White, L. W.: Quinine cardiotoxicity: a mechanism for sudden death in narcotic addicts, July, 167
Li, A. H.: *see* Chan, R. K. H. and Li, A. H.
Liquid chromatography, liquid chromatographic determination of morphine in opium (Wittwer), April, 138
Litigation, the medico-legal aspects of drug interactions (Goldstein), Oct., 335
Litwin, S. D.: *see* Ellis, F. R., Camp, F. R., Jr., and Litwin, S. D.
Liver diseases, electrolyte imbalance in alcoholic liver disease (Sturner and Coe), Oct., 344
Lubricating oils, identification of lubricating oils on clothing by column chromatography, infrared spectroscopy, and refractometry (Yip), July, 263
Lucas, D. M.: Review of *The Expert Witness* (Walls), Oct., 477
Luminol, photography of bloodstains visualized by luminol (Zweidinger, Lytle, and Pitt), Oct., 296
Lytle, L. T.: *see* Zweidinger, R. A., Lytle, L. T., and Pitt, C. G.

M

Malik, M. A. O.: Emotional stress as a precipitating factor in sudden deaths due to coronary insufficiency, Jan., 47
Mass spectrometry, forensic identification of opium by computerized gas chromatography/mass spectrometry (Smith), Oct., 327
McCarthy, J. F. and Winchester, Janis: Autopen, Oct., 441
McFarland, R. C. and McLain, M. E.: Rapid neutron activation analysis for gunshot residue determination, July, 226
McLain, M. E.: *see* McFarland, R. C. and McLain, M. E.
McNally, J. P.: Adversary system: role of the document examiner, July, 188
Mental deficiency, discovery of mental illness and mental defect among offenders (Gold), April, 125
Mental disorders, psychiatric morbidity and treatment of prison inmates (Tanay), Jan., 53
Methadone, fatal methadone poisoning in children: report of four cases (DiMaio and DiMaio), April, 130
Methamphetamine, detection of methamphetamine in a newborn infant (Garriott and Spruill), Oct., 434
Miller, A. J.: *see* Alstott, R. L., Miller, A. J., and Forney, R. B.
Miller, J. T.: Professionalization of document examiners: problems of certification and training, Oct., 460
Mitosinka, G. T.: *see* Ogle, R. R. and Mitosinka, G. T.
Mortimer, J. H.: Court ordered handwriting exemplars—how effective?, Oct., 448
Mullick, F. G.: *see* DiMaio, V. J. M., Mullick, F. G., and Henry, L. D.

N

Nadeau, R. E.: *see* Ciccone, J. R. and Nadeau, R. E.
Narcotics, quinine cardiotoxicity: a mechanism for sudden death in narcotic addicts (Levine, Hirsch, and White), July, 167
Neutron activation analysis
optimization of firearm residue detection by neutron activation analysis (Rudzitis, Kopina, and Wahlgren), April, 93
rapid neutron activation analysis for gunshot residue determination (McFarland and McLain), July, 226
studies of the trace element content of bullet lead and jacket material (Guy and Pate), April, 87
Nitrites, spherical coordinates for plotting the positions of powder residues (Smith), April, 101
Numerical analysis, numerical correlation and evaluation in the comparison of evidentiary materials (Lawson and Framan), April, 110
Nyholm, P. E.: *see* Hart Hansen, J. P. and Nyholm, P. E.

O

Odontology, legal problems of the forensic odontologist (Woolridge), Jan., 40
Ogle, R. R. and Mitosinka, G. T.: Rapid technique for preparing hair cuticular scale casts, Jan., 82
Oleniewski, W. A.: *see* Gocke, J. W. and Oleniewski, W. A.
Opium, forensic identification of opium by computerized gas chromatography/mass spectrometry (Smith), Oct., 327
Osterburg, J. W.: Review of *Fundamentals of Law Enforcement* (Brandstatter and Hyman), April, 158

P

Pate, B. D.: *see* Guy, R. D. and Pate, B. D.
Paternity
  application of Gm typing in cases of disputed paternity (Ellis, Camp, and Litwin), Oct., 290
  blood grouping tests for non-paternity (Sussman), Oct., 287
Pathologist, adversary system: role of the forensic pathologist (Davis), July, 202
Pearson, E. F.: *see* Renshaw, G. D. Pounds, C. A., and Pearson, E. F.
Photography, photography of bloodstains visualized by luminol (Zweidinger, Lytle, and Pitt), Oct., 296
Physical properties, value of glass as evidence (Fong), Oct., 398
Pitt, C. G.: *see* Zweidinger, R. A., Lytle, L. T. and Pitt, C. G.
Poisoning
  fatal methadone poisoning in children: report of four cases (DiMaio and DiMaio), April, 130
  hexachlorophene poisoning (DiMaio, Mullick, and Henry), Oct., 303
Pollack, Seymour: Observations on the adversary system and the role of the forensic scientist: "scientific truth" v. "legal truth," July, 173
Polygraphs, polygraph validity and reliability: a review (Abrams), Oct., 313
Polymers, identification of acrylic fibers by polymer composition as determined by infrared spectroscopy and physical characteristics (Smalldon) Jan., 69
Polynesians, the identification of polynesian head hair (Kerley and Rosen), Oct., 351
Postmortem values, postmortem values of thyroxine and thyroid stimulating hormone (Coe), Jan., 20
Pounds, C. A.: *see* Renshaw, G. D., Pounds, C. A., and Pearson, E. F.
Psychiatric tests, discovery of mental illness and mental defect among offenders (Gold), April, 125
Psychiatrist, adversary system: role of the psychiatrist (Tuchler), July, 193
Psychiatry
  incompetency to stand trial: a difference of opinion (Ciccone and Nadeau), Oct., 380
  psychiatric morbidity and treatment of prision inmates (Tanay), Jan., 53
  scope of legal psychiatry (Suarez and Hunt), Jan., 60
  who are our assaultive juveniles? a study of 100 cases (Russell and Harper), Oct., 385

Q

Quinine, quinine cardiotoxicity: a mechanism for sudden death in narcotic addicts (Levine, Hirsch, and White), July, 167

R

Reliability, polygraph validity and reliability: a review (Abrams), Oct., 313
Renshaw, G. D., Pounds, C. A., and Pearson, E. F.: Determination of lead and copper in hair by non-flame atomic absorption spectrophotometry, April, 143
Rosen, S. I.: *see* Kerley, E. R. and Rosen, S. I.
Rudzitis, E., Kopina, M., and Wahlgren, M.: Optimization of firearm residue detection by neutron activation analysis, April, 93
Rupp, J. C.: Love bug, July, 259
Russell, D. H. and Harper, G. P.: Who are our assaultive juveniles? a study of 100 cases, Oct., 385

S

Schroeder, L. O.: Renaissance for the transsexual: a new birth certificate, July, 237
Scientists, observations on the adversary system and the role of the forensic scientist: "scientific truth" v. "legal truth" (Pollack), July, 173
Sex behavior
  everything you wanted to have in sex laws (Slovenko), April, 118
  love bug (Rupp), July, 259
Shanahan, R.: Determination of sub-microgram quantities of cyanide in biological materials, Jan., 25
Slovenko, Ralph: Everything you wanted to have in sex laws, April, 118
Smalldon, K. W.: Identification of acrylic fibers by polymer composition as determined by infrared spectroscopy and physical characteristics, Jan., 69
Smith, Charles: Spherical coordinates for plotting the positions of powder residues, April, 101
Smith, R. M.: Forensic identification of opium by computerized gas chromatography/mass spectrometry, Oct., 327
Sopher, I. M.: Dental identification of aircraft-accident fatalities, Oct., 356
Spectrochemical analysis

comparison of single stranded copper wires by spectrochemical analysis using copper fluoride as a carrier (Chan and Li), July, 271
identification of lubricating oils on clothing by column chromatography, infrared spectroscopy, and refractometry (Yip), July, 263
Spectrophotometry, determination of lead and copper in hair by non-flame atomic absorption spectrophotometry (Renshaw, Pounds, and Pearson), April, 143
Spitz, W. U.: Review of *Medical-Legal Investigation of Traffic Accidents* (Duerwald), July, 275
Spruill, F. G.: *see* Garriot, J. C. and Spruill, F. G.
Statistical analysis, numerical correlation and evaluation in the comparison of evidentiary materials (Lawson and Framan), April, 110
Stolman, Abraham: Review of *Clinical Toxicology* (Thienes and Haley), July, 277
Sturner, W. Q.
and Coe, J. I.: Electrolyte imbalance in alcoholic liver disease, Oct., 344
and Dempsey, B. S.: Sudden infant death: chemical analysis of vitreous humor, Jan., 12
Suarez, J. M. and Hunt, Jan: Scope of legal psychiatry, Jan., 60
Suicide, suicide notes in Monroe County: a 23 year look (1950–1972) (Edland and Duncan), Oct., 364
Sussman, L. N.: Blood grouping tests for non-paternity: review of 1000 cases, Oct., 287

T

Tanay, Emanuel: Psychiatric morbidity and treatment of prison inmates, Jan., 53
Thermoluminescence, thermoluminescence: potential applications in forensic science (Ingham and Lawson), July, 217
Thyroid hormones, postmortem values of thyroxine and thyroid stimulating hormone (Coe), Jan., 20
Todd, Irby: Do experts frequently disagree?, Oct., 455
Townshend, D. G.: Identification of electric blasting caps by manufacturer, Oct., 405
Toxicologist, adversary system: role of the forensic toxicologist (Winek), July, 178
Toxicology, gas chromatographic identification of aldehydes and ketones in toxicological analyses (Wells), April, 152
Trace elements
determination of lead and copper in hair by non-flame atomic absorption spectrophotometry (Renshaw, Pounds, and Pearson), April, 143
studies of the trace element content of bullet lead and jacket material (Guy and Pate), April, 87
Transsexual, renaissance for the transsexual: a new birth certificate (Schroeder), July, 237
Tuchler, M. I.: Adversary system: role of the psychiatrist, July, 193
Typewriters, identification of work from a Selectric II typewriter (Hilton), July, 246

V

Validity, polygraph validity and reliability: a review (Abrams), Oct., 313
Vitreous humor, sudden infant death: chemical analysis of vitreous humor (Sturner and Dempsey), Jan., 12
Voiceprint, voiceprint identification in the courtroom (Gocke and Oleniewski), July, 232

W

Wahlgren, M.: *see* Rudzitis, E., Kopina, M., and Wahlgren, M.
Wells, J.
and Cimbura, G.: Determination of elevated bromide levels in blood by gas chromatography, Oct., 437
Gas chromatographic identification of aldehydes and ketones in toxicological analyses, April, 152
White, L. W.: *see* Levine, L. H., Hirsch, C. S., and White, L. W.
Whittaker, Edward: Adversary system: role of the criminalist, July, 184
Williams, J. F.: Review of *Scientific Police Investigation* (Inbau, Moenssens, and Vitullo), April, 157
Winchester, Janis: *see* McCarthy, J. F. and Winchester, Janis
Winek, C. L.: Adversary system: role of the forensic toxicologist, July, 178
Wire, comparison of single stranded copper wires by spectrochemical analysis using copper fluoride as a carrier (Chan and Li), July, 271
Wittwer, J. D., Jr.: Liquid chromatographic determination of morphine in opium, April, 138
Woolridge, E. D.: Legal problems of the forensic odontologist, Jan., 40

Y

Yip, H. L.: Identification of lubricating oils on clothing by column chromatography, infrared spectroscopy, and refractometry, July, 263

Z

Zweidinger, R. A., Lytle, L. T., and Pitt, C. G.: Photography of bloodstains visualized by luminol, Oct., 296